

Abstract of the Disclosure

An artificial turf system which includes a support layer, a base layer, and an outer layer. The support layer comprises an area of selected size and composition. The base layer comprises at least one grid which consists of a plurality of interconnected cells. The base layer is positioned over the support layer. Each cell forming the grid comprises an upstanding tubular member which includes an upper portion, having a first diameter, and a lower portion having a second diameter. The lower cell portion provides the cell with vertical flexibility. The plurality cells provide the grid with selected vertical movement on contact providing the artificial turf system with improved softness.